Linie completa de electroforeza ??????? Seria ??????

incertitudine electroforeza

Level 1 Lot 14181, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globuline	β-globuline	γ-globuline
1	62.2	2.8	9.2	12.4	13.5
2	66.3	2.5	7.5	11.6	12.1
3	63.4	2.2	9.1	12.2	13.1
4	65.3	2.5	8.2	9.8	14.2
5	62.2	2.8	9.2	12.4	13.5
6	66.3	2.5	7.5	11.6	12.1
7	63.4	2.2	9.1	12.2	13.1
8	65.3	2.5	8.2	9.8	14.2
average-Media	**64.3**	**2.5**	**8.5**	**11.5**	**13.2**
SD	1.7088	0.2268	0.7445	1.0954	0.8120
Cv	2.6575	9.0711	8.7589	9.5256	6.1396
UA	**1.7088**	**0.2268**	**0.7445**	**1.0954**	**0.8120**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	55.8-68.2	2.66-3.85	6.68-10.9	9.3-15.2	10.6-17.2
Val tinta	62	3.11	8.79	12.2	13.9
a- limita inf	55.8	2.66	6.7	9.3	10.6
a+limita sup	68.2	3.85	10.9	15.2	17.2
a+-a- Interval	12.4	1.2	4.2	5.9	6.6
Ubref- 12 RECTA	**3.5796**	**0.3435**	**1.2182**	**1.7032**	**1.9053**
suma patrate 2	15.7333	0.1694	2.0383	4.1008	4.2893
UC 2	**3.9665**	**0.4116**	**1.4277**	**2.0251**	**2.0711**
UE 2	**7.9331**	**0.8233**	**2.8554**	**4.0501**	**4.1421**
BIAS%	3.7097	-19.6141	-3.2992	-5.7377	-4.8561

Responsabil Analiza Sef Laborator

incertitudine electroforeza

Linie completa de electroforeza ??????? Seria ??????

Level 2 Lot 14182, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globuline	β-globuline	γ-globuline
1	62.2	3.1	8.3	10.8	15.6
2	65.2	2.6	7.8	11.0	13.3
3	65.8	2.4	8.0	9.2	14.6
4	66.6	2.4	7.8	10.2	12.9
5	62.2	3.1	8.3	10.8	15.6
6	65.2	2.6	7.8	11.0	13.3
7	65.8	2.4	8.0	9.2	14.6
8	66.6	2.4	7.8	10.2	12.9
average-Media	**65.0**	**2.6**	**8.0**	**10.3**	**14.1**
SD	1.7784	0.3059	0.2188	0.7483	1.1439
Cv	2.7382	11.6531	2.7431	7.2654	8.1130
UA	**1.7784**	**0.3059**	**0.2188**	**0.7483**	**1.1439**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	57.9-70.8	2.07-3.37	6.13-10	8.05-13.1	10.9-17.7
Val tinta	64.3	2.72	8.06	10.6	14.3
a- limita inf	57.9	2.07	6.1	8.1	10.9
a+limita sup	70.8	3.37	10.0	13.1	17.7
a+-a- Interval	12.9	1.3	3.9	5.1	6.8
Ubref- 12 RECT	**3.7239**	**0.3753**	**1.1172**	**1.4578**	**1.9630**
suma patrate 2	17.0304	0.2344	1.2959	2.6852	5.1619
UC 2	**4.1268**	**0.4842**	**1.1384**	**1.6387**	**2.2720**
UE 2	**8.2536**	**0.9683**	**2.2768**	**3.2773**	**4.5440**
BIAS%	1.0109	-3.4926	-1.0546	-2.8302	-1.3986

Responsabil Analiza Sef Laborator

Linie completa de electroforeza ??????? Seria ??????

dil 1/8 normal (level1)Lot 14181, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globuline	β-globuline	γ-globuline
1	82.9	2.5	5.1	5.9	3.7
2	83.0	1.7	4.8	5.7	4.8
3	80.5	2.3	5.6	6.9	4.7
4	81.4	2.5	5.7	5.3	5.1
5	84.3	1.8	4.6	4.0	5.3
6	82.9	2.5	5.1	5.9	3.7
7	83.0	1.7	4.8	5.7	4.8
8	80.5	2.3	5.6	6.9	4.7
average-Medi	**82.3**	**2.2**	**5.2**	**5.8**	**4.6**
SD	1.3622	0.3662	0.4241	0.9219	0.5928
Cv	1.6549	16.9344	8.2141	15.9284	12.8873
UA	**1.3622**	**0.3662**	**0.4241**	**0.9219**	**0.5928**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	55.8-68.2	2.66-3.85	6.68-10.9	9.3-15.2	10.6-17.2
Val tinta	62	3.11	8.79	12.2	13.9
a- limita inf	55.8	2.66	6.7	9.3	10.6
a+limita sup	68.2	3.85	10.9	15.2	17.2
a+-a- Interva	12.4	1.2	4.2	5.9	6.6
Ubref- 12 RE	**3.5796**	**0.3435**	**1.2182**	**1.7032**	**1.9053**
suma patrate	14.6689	0.2521	1.6639	3.7507	3.9814
UC 2	**3.8300**	**0.5021**	**1.2899**	**1.9367**	**1.9954**
UE 2	**7.6600**	**1.0042**	**2.5798**	**3.8733**	**3.9907**
BIAS%	32.7621	-30.4662	-41.2685	-52.5615	-66.9065

Responsabil Analiza Sef Laborator

Linie completa de electroforeza ??????Seria

reproductibilitate electroforeza
Level 1 Lot 14181, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globuline	β-globuline	γ-globuline
05.01.2010	65.4	2.9	8.1	10.8	12.8
08.01.2010	66.3	3.5	7.2	11.1	11.9
11.01.2010	65.4	2.7	8.9	9.6	13.4
15.01.2010	63.3	2.5	7.8	12.3	14.1
19.01.2010	62.2	2.8	9.2	12.4	13.5
22.01.2010	66.3	2.5	7.5	11.6	12.1
25.01.2010	63.4	2.2	9.1	12.2	13.1
29.01.2010	65.3	2.5	8.2	9.8	14.2
average-Media	**64.7**	**2.7**	**8.3**	**11.2**	**13.1**
SD	1.5288	0.3891	0.7502	1.1016	0.8434
Cv	2.3629	14.4125	9.0938	9.8140	6.4195
UA	**1.5288**	**0.3891**	**0.7502**	**1.1016**	**0.8434**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	55.8-68.2	2.66-3.85	6.68-10.9	9.3-15.2	10.6-17.2
Val tinta	62	3.11	8.79	12.2	13.9
a- limita inf	55.8	2.66	6.7	9.3	10.6
a+limita sup	68.2	3.85	10.9	15.2	17.2
a+-a- Interval	12.4	1.19	4.22	5.9	6.6
Ubref- 12 REC	**3.5796**	**0.3435**	**1.2182**	**1.7032**	**1.9053**
suma patrate	15.1505	0.2694	2.0469	4.1144	4.3413
UC 2	**3.8924**	**0.5191**	**1.4307**	**2.0284**	**2.0836**
UE 2	**7.7847**	**1.0381**	**2.8614**	**4.0568**	**4.1671**
BIAS%	4.3548	-13.1833	-6.1433	-7.9918	-5.4856

Responsabil Analiza Sef Laborator

reproductibilitate electroforeza

Linie completa de electroforeza ??????Seria

Level 2 Lot 14182, exp. 30.09.2011

DATA	Albumine	α1 globuline	α2 globulin	β-globuline	γ-globuline
05.01.2010	65.9	2.4	8.1	9.6	13.9
08.01.2010	65.8	2.4	8.0	9.2	14.6
11.01.2010	66.6	2.6	7.5	10.2	12.9
15.01.2010	64.5	2.5	8.5	11.1	13.4
19.01.2010	62.2	3.1	8.3	10.8	15.6
22.01.2010	65.2	2.6	7.8	11.0	13.3
25.01.2010	65.8	2.4	8.0	9.2	14.6
29.01.2010	66.6	2.4	7.8	10.2	12.9
average-Media	**65.3**	**2.6**	**8.0**	**10.2**	**13.9**
SD	1.4390	0.2390	0.3117	0.7708	0.9621
Cv	2.2028	9.3743	3.8960	7.5846	6.9219
UA	**1.4390**	**0.2390**	**0.3117**	**0.7708**	**0.9621**
Incertitudine etalonare	0	0	0	0	0
UBetal	0	0	0	0	0
Domeniu	57.9-70.8	2.07-3.37	6.13-10	8.05-13.1	10.9-17.7
Val tinta	64.3	2.72	8.06	10.6	14.3
a- limita inf	57.9	2.07	6.1	8.1	10.9
a+limita sup	70.8	3.37	10.0	13.1	17.7
a+-a- interval	12.9	1.3	3.87	5.05	6.8
Ubref- 12 RECTAN	**3.7239**	**0.3753**	**1.1172**	**1.4578**	**1.9630**
suma patrate 2	15.9382	0.1980	1.3452	2.7193	4.7790
UC 2	**3.9923**	**0.4449**	**1.1598**	**1.6490**	**2.1861**
UE 2	**7.9845**	**0.8899**	**2.3197**	**3.2981**	**4.3722**
BIAS%	1.5941	-6.2500	-0.7444	-4.1274	-2.7972
BIAS%	1.594	-6.250	-0.744	-4.127	-2.797

Responsabil Analiza Sef Laborator